

01-18-01

CPA/2741 \$

PTO/SB/29 (10-00)

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**CONTINUED PROSECUTION APPLICATION (CPA)  
REQUEST TRANSMITTAL**

CHECK BOX, if applicable:

☐ **DUPLICATE****Submit an original, and a duplicate for fee processing.**

(Only for Continuation or Divisional applications under 37 CFR 1.53(d))

RECEIVED

Address to:

**Assistant Commissioner for Patents  
Box CPA  
Washington, DC 20231**Attorney Docket No.  
of Prior Application

3239P010

First Named Inventor

Zifei Peter Wang

Examiner Name

Angela A. Armstrong

Group/Art Unit

2741

Express Mail Label No.

EL466329844US

JAN 2 2 2001

Center 2600

This is request for a ☒ continuation or ☐ divisional application under 37 CFR 1.53(d),  
(continued prosecution application (CPA)) of prior application number 09/134,272,  
filed on August 14, 1998, entitled VOICE ACTIVITY DETECTOR FOR PACKET VOICE NETWORK.

**NOTES**

**FILING QUALIFICATIONS:** The prior application identified above must be a nonprovisional application that is either: (1) complete as defined by 37 CFR 1.51(b), or (2) the national stage of an international application in compliance with 35 U.S.C. 371. Effective May 29, 2000, a CPA may only be filed in a utility or plant application if the prior nonprovisional application was filed before May 29, 2000. A CPA may be filed in a design application regardless of the filing date of the prior application. See "Request for Continued Examination Practice changes to and Provisional Application Practice," Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office (Apr. 11, 2000).

**C-I-P NOT PERMITTED:** A continuation-in-part application cannot be filed as a CPA under 37 CFR § 1.53(d), but must be filed under 37 CFR 1.53(b).

**EXPRESS ABANDONMENT OF PRIOR APPLICATION:** The filing of this CPA is a request to expressly abandon the prior application as of the filing date of the request for a CPA. 37 CFR 1.53(b) must be used to file a continuation, divisional, or continuation-in-part of an application that is not to be abandoned.

**ACCESS TO PRIOR APPLICATION:** The filing of this CPA will be construed to include a waiver of confidentiality by the applicant under 35 U.S.C. 122 to the extent that any member of the public who is entitled under the provisions of 37 CFR 1.14 to access to, copies of, or information concerning, the prior application may be given similar access to, copies of, or similar information concerning, the other application or applications in the file jacket.

**35 U.S.C. 120 STATEMENT:** In a CPA, no reference to the prior application is needed in the first sentence of the specification and none should be submitted. If a sentence referencing the prior application is submitted, it will not be entered. A request for a CPA is the specific reference required by 35 U.S.C. 120 and to every application assigned the application number identified in such request, 37 CFR § 1.78(a).

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

1. ☐ Enter the unentered amendment previously filed on under 37 CFR § 1.116 in the prior nonprovisional application.
2. ☒ A preliminary amendment is enclosed.
3. This application is filed by fewer than all the inventors named in the prior application, 37 CFR 1.53 (d)(4).
  - a. ☐ **DELETE** the following inventor(s) named in the prior nonprovisional application:  
\_\_\_\_\_
  - b. ☐ The inventor(s) to be deleted are set forth on a separate sheet attached hereto.
4. ☐ A new power of attorney or authorization of agent (PTO/SB/81) is enclosed.
5. Information Disclosure Statement (IDS) is enclosed:
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations

01/19/2001 AUCDAS1 00000107 09134272

01 FC:131  
02 FC:102710.00 CP  
80.00 CP

[Page 1 of 2]


Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box CPA, Washington, DC 20231

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c) or (j))	18 -20* =	0	x \$ 18.00 =	\$	
INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	4 -3** =	1	x \$ 80.00 =	80.00	
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+\$ _____ =		
			BASIC FEE (37 CFR 1.16)		710.00
				Total of above Calculations =	
				\$790.00	
Reduction by 50% for filing by small entity (Note 37 CFR 1.27).					
* Reissue claims in excess of 20 and over original patent.				TOTAL =	
** Reissue independent claims over original patent.					

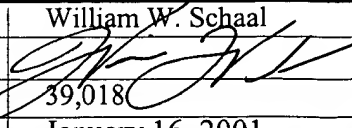
6. ☐ Small entity status: Applicant claims small entity status. See 37 CFR 1.27.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. \_\_\_\_\_ - 02 2666 :
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.
8. ☒ A check in the amount of \$ 790.00 is enclosed.
9. ☐ Payment by credit card. Form PTO-2038 is attached.
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) for a period of \_\_\_\_\_ months (not to exceed 3 months) and the fee under 37 CFR 1.17(i) enclosed.
11. ☐ New Attorney Docket Number, if desired \_\_\_\_\_  
[Prior application Attorney Docket Number will carryover to this CPA unless a new Attorney Docket Number has been provided herein.]
12. a. ☐ Receipt for Facsimile Transmitted CPA (PTO/SB/29A)
- b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☒ Other: (1) Month Extension of Time (1 pg): Check in the amount of \$110.00

**NOTE:** The prior application's correspondence address will carry over to this CPA UNLESS a new correspondence address is provided below.

### 10. NEW CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number of Bar Code Label				or <input type="checkbox"/> Correspondence address	
		*08791*			
Name					
Address					
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Country	Telephone	Fax			

### 15. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME (Print/Type)	William W. Schaal
SIGNATURE	
Registration No. (Attorney/Agent)	39,018
DATE	January 16, 2001



10/B  
Docket No.: 003239.P010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  <b>Zifei Peter Wang</b>  Application No.: 09/134,272  Filed: August 14, 1998  For: <b>VOICE ACTIVITY DETECTOR FOR PACKET VOICE NETWORK</b>	Examiner: A. Armstrong  Art Group: 2741  <b>RECEIVED</b> <b>JAN 22 2001</b> Technology Center 2600
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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231-9998

Sir:

Please amend the above entitled application as follows:

**IN THE CLAIMS:**

Please cancel claim 19.

Please amend claims 1, 6, 7, 13, and 18 as follows:

B1  
1 1. (Amended) A method for enhancing voice activity detection comprising:  
2 determining a normalized peak-to-mean likelihood ratio; and  
3 comparing the peak-to-mean likelihood ratio to a selected threshold to determine whether  
4 a current audio frame represents a voice signal.

B2  
1 6. (Amended) The method of claim 1, wherein the determining a peak-to-mean  
2 likelihood ratio comprises  
3 calculating an averaged peak-to-mean ratio for the current audio frame;